



DONGGUAN SLEing INTEL-TECH CO., LTD

SPECIFICATION APPROVAL SHEET

Hoymiles Power Electronics Inc.

CUSTOMER

CUS PART NO

A6040294

REV

A/3

SPECIFICATION

860-930MHz

L=120mm(Φ 1.13+MHF)

weight

SUP PART NO

SLEingA201400120-F02

DATE

2024.11.20

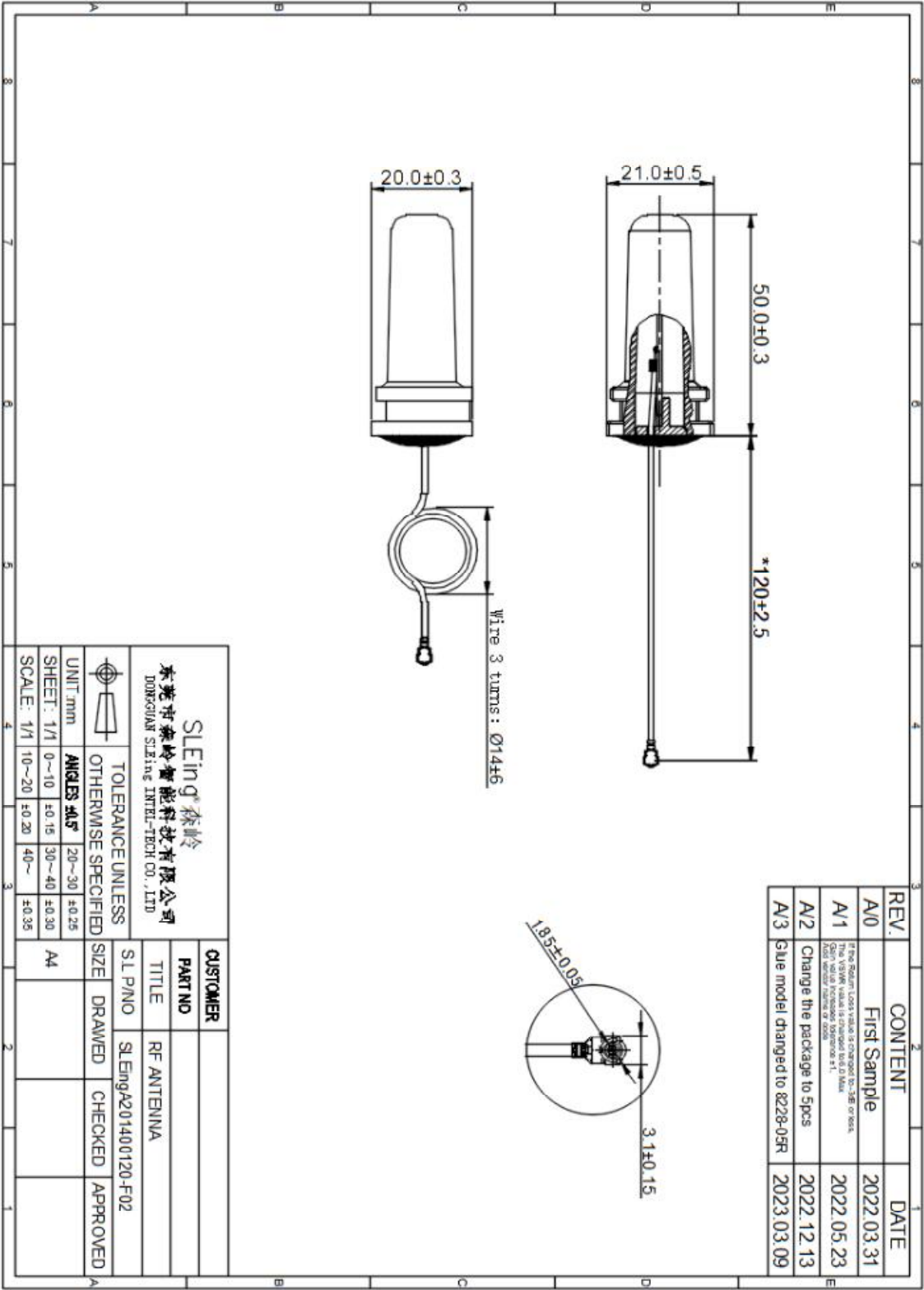
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Test Reports

Electrical Properties	
Frequency	860-930 MHz(Single antenna test)
Impedance	50 Ohm Nominal
V.S.W.R	≤ 6.0
Return Loss	-3dB Max
Radiation	Omni-directional
Gain (Peak)	-0.13dBi
Polarization	Linear, Vertical
Admitted Power	2 W
Connector	MHF
Physical Properties	
Antenna Material	PC Green
Cable Type	Φ1.13 Black
Operating Temp	-40℃-85℃
Storage Temp.	-40℃-85℃

Antenna assembly diagram

Device



Antenna

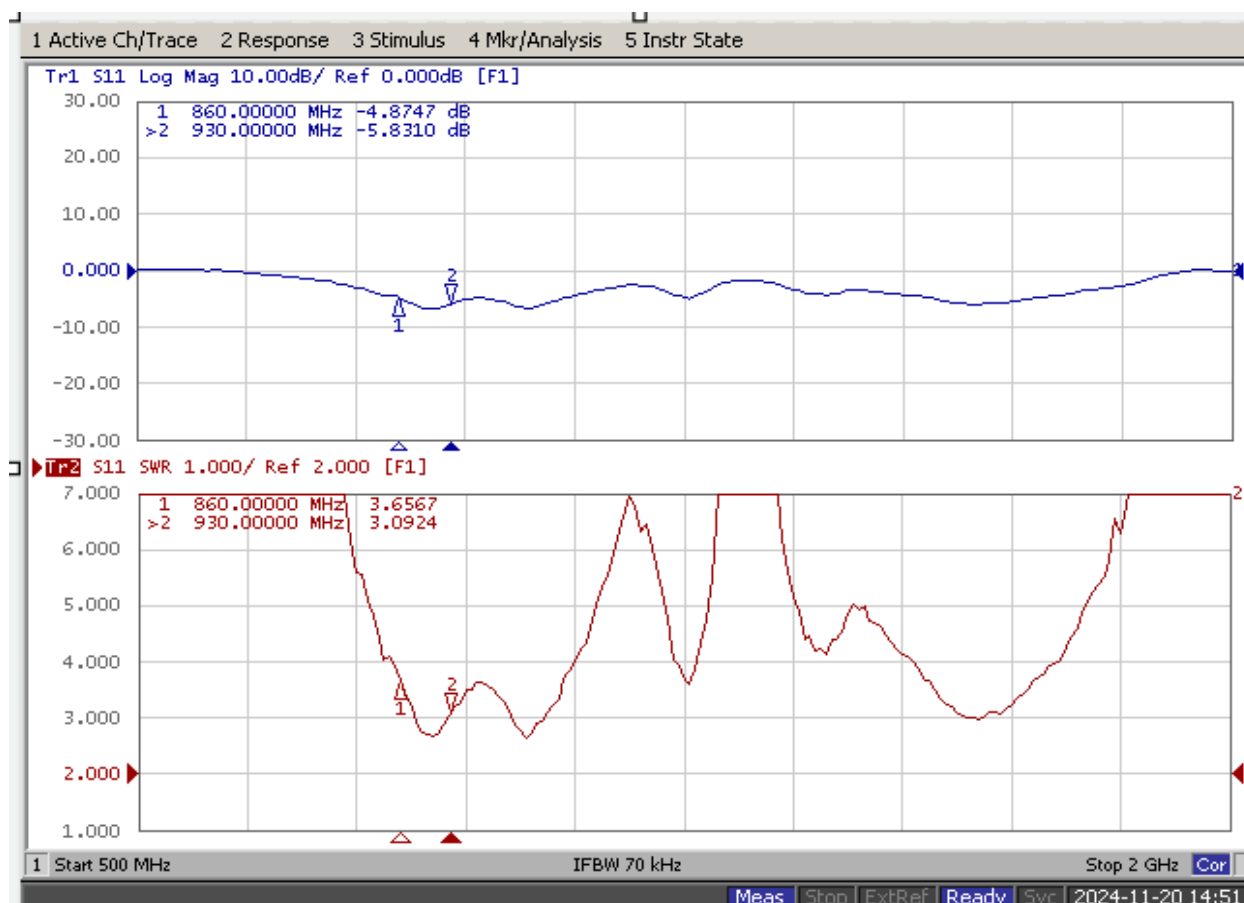


S Parameter Test

Agilent E5071C Network Analyzer



RF Antenna (Return Loss/VSWR)



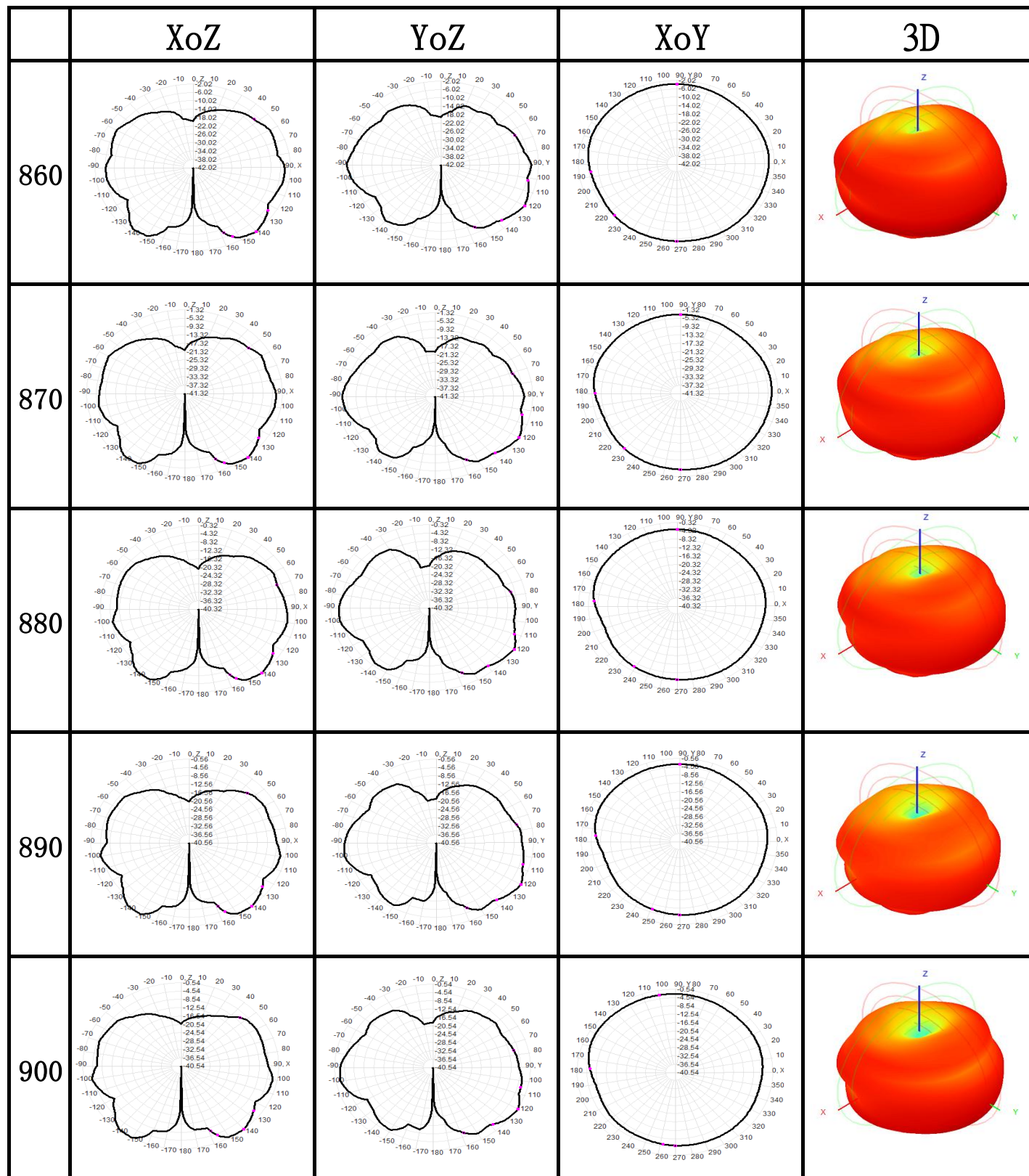


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Test Efficiency

Frequency ID	1	2	3	4	5	6	7	8
Frequency (MHz)	860	870	880	890	900	910	920	930
Gain (dBi)	-2.78	-1.77	-1.10	-0.13	-0.52	-0.36	-0.51	-0.35
Efficiency (%)	18.49	21.61	25.17	29.43	30.01	30.81	30.33	29.22

Patten



Patten

	XoZ	YoZ	XoY	3D
910				
920				
930				